

Garant

Shrink-fit chuck with cooling channel bores, SK 50 A = 160, Clamping range Ø D1: 16 mm

**Order data**

Order number	302313 16
GTIN	4062406544720
Item class	31A

Description**Version:**

- **High-temperature steel.**
- **Size 3 -5 for carbide, from size 6 for HSS and carbide.**
- **All shanks hard turned (for smooth running!).**
- **With Balluffchip bore.**

With **coolant hole bores** tapped for plugging.

Coolant hole bores at clamping Ø D1: 3, 4 and 5 mm cannot be plugged.

Application:

For clamping tools with parallel shank to h6 tolerance.

Suitable for inductive, contact, and hot-air shrink units.

Optional extras:

Pull studs (PS) No. 308600 – 308800. PS wrenches No. 308820 – 308835, Shrink-fit chuck extensions No. 302410 – 302419. Shrink-fit units, accessories No. 354210 – 354450, balancing screws set No. 309906 size 180.

Machining strategy: HPC

Cooling channel bore: lockable

External Ø D: 34 mm

Ø D₂: 27 mm

Technical description

External Ø D	34 mm
Cooling channel bore	lockable

Ø D ₂	27 mm
Clamping Ø D ₁	16 mm
Adapter	SK 50 A = 160
Arbor standard	ISO 7388-1
Shape	ADB
Balance quality G at rotational speed	G 2.5 at 25,000 rpm
Concentricity	≤ 3 µm
Machining strategy	HSC
Machining strategy	HPC
Type of product	Shrink-fit chuck

Accessories

Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 25/16 mm	302412 25/16
Torque insert for Pull studs to SO 7388 suitable for ISO taper size 50	308812 50
Cooling unit Type CU1	354215 CU1
Pull stud Form A suitable for steep tapers 50	308600 50
Pull stud 90° sealed suitable for steep tapers 50	308795 50
Pull stud 90° sealed suitable for steep tapers 50	308790 50
Pull stud 60° sealed suitable for steep tapers 50	308785 50
Shrink fit chuck extension 3°, vibration-damped Ø d / Ø D1 32/16 mm	302419 32/16
Torque insert for Pull studs to DIN 69872 suitable for ISO taper size 50	308810 50
Pull stud sealed, form B suitable for steep tapers 50	308620 50
Basic tool mounting for SK for SK taper shank 50 SK	354225 50
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/16 mm	302416 32/16

Pull stud sealed suitable for steep tapers 50	308660 50
Pull stud 45° sealed suitable for steep tapers 50	308760 50
Wrench for pull studs ISO 7388 suitable for ISO taper size 50	308830 50
Cooling adapter long 4.5° for clamping Ø 12,1-16 mm	354236 12,1-16
Shrink-fit chuck extension 4.5° with length adjustment screw Ø d / Ø D1 32/16 mm	302412 32/16
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 32/16 mm	302410 32/16
Pull stud, 18CrNiMo7 Form A suitable for steep tapers 50	308605 50
Special pull stud with no internal thread sealed suitable for steep tapers 50	308720 50
Pull stud stud sealed, form A suitable for steep tapers 50	308610 50
Shrink-fit chuck extension 4.5° without length adjustment screw, with through coolant holes Ø d / Ø D1 32/16 mm	302414 32/16
Pull stud Form B suitable for steep tapers 50	308640 50
Screening plate for coil SU1 for clamping Ø 12-20 mm	354240 12-20
Special pull stud with no internal thread sealed suitable for steep tapers 50	308700 50
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/16 mm	302416 25/16
Pull stud 45° sealed suitable for steep tapers 50	308765 50
Wrench for pull studs DIN ISO 7388-1 (formerly DIN 69872) suitable for ISO taper size 50	308820 50
Pull stud sealed, form B suitable for steep tapers 50	308650 50
Special pull stud with internal thread suitable for steep tapers 50	308740 50
Pull stud, 18CrNiMo7 sealed, form B suitable for steep tapers 50	308615 50
Cooling adapter short 4.5° for clamping Ø 12,1-16 mm	354235 12,1-16
Shrink-fit chuck extension 4.5° without length adjustment screw Ø d / Ø D1 25/16 mm	302410 25/16
	302417 25/16

Shrink fit chuck extension 3°, vibration-damped Ø d / Ø
D1 25/16 mm
